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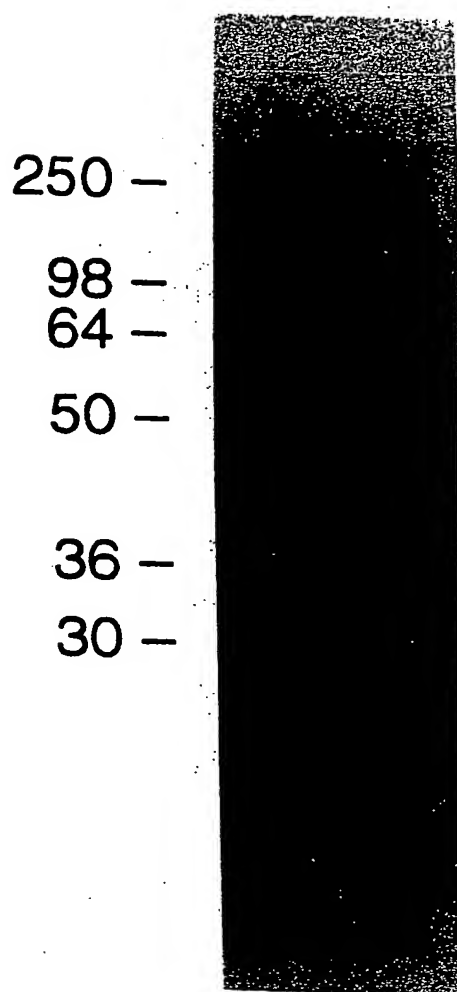


FIG. 1

GGGCAAACCTCTCCCCCGGATTTATATGGCAAAGGGGAACTTTGGC  
CCGTATTCAAGCGCCACGGGTTTTGGGGCGAATGAATTTTTTCGTTCCG  
GAAAAAGTAATCCCCGGGAACGTAGGTATCGGTTTCATAGGCTCGCCA  
AATGGGATATAGGTGGAAAGGTAAAAAACTGAGCCAAGCAAAGGATAG  
AGAAGTCTTGTAATCATCGCAGGTTAAAGGGGGATGTTATTTTAGCCTG  
CAAATAGTGAATTATTGGATCCTGTAAAGAGAAAAGGACGAATGCGCTG  
AAGATAAGAACATTTATTGATATTAAATTATTAATTTTTATGAAGCGGA  
GTAATTAATTTTATCTCTCAGCTTTTGTGTGATGCAAACGTCTTCCATA  
AGTTCTTTCTTCAATGATTCTAGCTTATTCTTGCTGCTCTTTAAATGGG  
GGGGGATATGCAGCAGAAATCATGGTTCTCAAGGAATTTACGATGGGGA  
GACGTTAACTGTATCATTTCCCTATACTGTTATAGGAGATCCGAGTGGGA  
CTACTGTTTTTCTGCAGGAGAGTTAACATTAAAAATCTTGACAATTCT  
ATTGCAGCTTTGCCTTTAAGTTGTTTTGGGAACATTATTAGGGAGTTTTAC  
TGTTTTAGGGAGAGGACACTCGTTGACTTTGAGAACATACGGACTTCTA  
CAAATGGGGCAGCTCTAAGTAATACCGCTGCTGATGGACTGTTTACTATT  
GAGGGTTTTAAAGAATTATCCTTTTCCAATTGCAATTCATTACTTGCCGT  
ACTGCCTGCTGCAACGACTAATAAGGGTAGCCAGACTCCGACGACAACAT  
CTACACCGTCTAATGGTACTATTTATTCTAAAACAGATCTTTTGTACTC  
AATAATGAGAAGTTCTCATTCTATAGTAATTTAGTCTCTGGAGATGGGGG  
AGCTATAGATGCTAAGAGCTTAACGGTTCAAGGAATTAGCAAGCTTTGTG  
TCTTCCAAGAAAATACTGCTCAAGCTGATGGGGGAGCTTGTCAAGTAGTC  
ACCAGTTTCTCTGCTATGGCTAACGAGGCTCTATTGCCTTTGTAGCGAA  
TGTTCAGGAGTAAGAGGGGGAGGGATTGCTGCTGTTCAAGATGGGCAGC  
AGGGAGTGTCATCATCTACTTCAACAGAAGATCCAGTAGTAAGTTTTTCC  
AGAAATACTCCGGTAGAGTTTGATGGGAACGTAGCCCGAGTAGGAGGAGG  
GATTTACTCCTACGGGAACGTTGCTTTCCTGAATAATGGAAAACCTTGT  
TTCTCAACAATGTTGCTTCTCCTGTTTACATTGCTGCTAAGCAACCAACA  
AGTGGACAGGCTTCTAATACGAGTAATAATTACGGAGATGGAGGAGCTAT  
CTTCTGTAAGAATGGTGGCAAGCAGGATCCAATAACTCTGGATCAGTTT  
CCTTTGATGGAGAGGGAGTAGTTTTCTTTACTAGCAATGTAGCTGCTGGG  
AAAGGGGGAGCTATTTATGCCAAAAGCTCTCGGTTGCTAACTGTGGCCC  
TGTACAATTTTTAAGGAATATCGCTAATGATGGTGGAGCGATTTATTTAG  
GAGAATCTGGAGAGCTCAGTTTATCTGCTGATTATGGAGATATTATTTTC

FIG. 2A

GATGGAATCTTAAAAGAACAGCCAAAGAGAATGCTGCCGATGTTAATGG  
CGTAACGTGTCTCACAAGCCATTTTCGATGGGATCGGGAGGGAAAATAA  
CGACATTAAGAGCTAAGCAGGGCATCAGATTCTCTTTAATGATCCCATC  
GAGATGGCAAACGGAAATAACCAGCCAGCGCAGTCTTCCAACTTCTAAA  
AATTAACGATGGTGAAGGATACACAGGGGATATTGTTTTGCTAATGGAA  
CCAGTACTTTGTACCAAATGTTACGATAGAGCAAGGAAGGATTGTTCTT  
CGTAAAAGGCAAAATTATCAGTGAATTCTCTAAGTCAGACAGGTGGGAG  
TCTGTATATGGAAGCTGGGAGTACATGGGATTTTGTAACTCCACAACCAC  
CACAAACAGCCTCCTGCCGCTAATCAGTTGATCAGCCTTCCAATCTGCAT  
TTGTCTCTTTCTTCTTTGTTAGCAAACAATGCAGTTACGAATCCTCTAC  
CAATCCTCCAGCGCAAGATTCTCATCCTGCAGTCATTGGTAGCACAACCTG  
CTGGTTCTGTTACAATTAGTGGGCTATCTTTTTGAGGATTTGGATGAT  
ACAGCTTATGATAGGTATGATTGGCTAGGTTCTAATCAAAAAATCAATGT  
CCTGAAATTACAGTTAGGACTAAGCCCCCAGCTAATGCCCCATCAGATT  
TGA CTCTAGGGAATGAGATGCCCTAAGTATGGCTATCAAGGAAGCTGGAAG  
CTTGCGTGGGATCCTAATACAGCAAATAATGGTCCTTATACTCTGAAAGC  
TACATGGACTAAAACGGGTATAATCCTGGGCTGAGCGAGTAGCTTCTT  
TGGTTCCAAATAGTTTATGGGGATCCATTTTAGATATACGATCTGCCCAT  
TCACCAATTCAAGCAAGTGTGGATGGGCGCTCTATTGTGCGAGGATTATG  
GGTTTCTGGAGTTTCCAATTTCTTCTATCATGACCGCGATGCTTTAGGTC  
AGGGATATCGGTATATTAGTGGGGTTATTCTTAGGAGCAAACCTCTAC  
TTTGATCATCGATGTTTGGTCTAGCATTTACCGAAGTATTTGGTAGATC  
TAAAGATTATGTAGTGTGTCGTTCCAATCATCATGCTTGCATAGGATCCG  
TTTATCTATCTACCCAACAAGCTTTATGTGGATCCTATTTGTTCCGAGAT  
GCGTTTATCCGTGCTAGCTACGGGTTTGGGAATCAGCATATGAAAACCTC  
ATATACATTTGCAGAGGAGAGCGATGTTGCTTGGGATAATAACTGTCTGG  
CTGGAGAGATTGGAGCGGGATTACCGATTGTGATTACTCCATCTAAGCTC  
TATTTGAATGAGTTGCGTCCTTTCTGTGCAAGCTGAGTTTTCTTATGCCGA  
TCATGAATCTTTTACAGAGGAAGCGATCAAGCTCGGGCATTCAAGAGCG  
GACATCTCCTAAATCTATCAGTTCTGTTGGAGTGAAGTTTGATCGATGT  
TCTAGTACACATCCTAATAAATATAGCTTTATGGCGGCTTATATCTGTGA  
TGCTTATCCGACCATCTCTGGTACTGAGACAACGCTCCTATCCCATCAAG  
AGACATGGACAACAGATGCCTTTTCAATTTAGCAAGACATGGAGTTGTGGTT  
AGAGGATCTATGTATGCTTCTCTAACAAGTAATATAGAAGTATATGGCCA  
TGGAAGATATGAGTATCGAGATGCTTCTCGAGGCTATGGTTTGAGTGCAG

FIG. 2B

GAAGTAGAGTCCGGTTCTAAAAATATTGGTTAGATAGTTAAGTGTTAGCG  
ATGCCTTTTTCTTTGAGATCTACATCATTTTGTCTTTTAGCTTGTGTTG  
TTCCTATTGGTATGGATTCCGAGCTCTCCTCAAGTGTTAACGCCTAATG  
TAACCACTCCTTTTAAGGGAGACGATGTTTACTTGAATGGAGACTGCGCT  
TTTGTCAATGTCTATGCAGGAGCTGAAGAAGGTTCCGATTATCTCAGCTAA  
TGGCGACAATTTAACGATTACCGGACAAAACCATAATTATCATTTACAG  
ATTCTCAAGGGCCAGTTCTTCAAAATTATGCCCTTCATTTACGAGGAGAG  
ACACTTACTCTGAGAGATTTTTCGAGTCTGATGTTCTCGAAAAATGTTTC  
TTGCGGAGAAAAGGGAATGATCTCCGGGAAAACCGTGAGTATTTCCGGAG  
CAGGCGAAGTGATTTTCTGGGATAACTCCGTGGGGTATTCTCCTTTATCT  
ACTGTGCCAACCTCATCATCAACTCCGCCTGCTCCAACAGTTAGTGATGC  
TCGGAAAGGGTCTATTTTTTCTGTAGAGACTAGTTTGAGATCTCAGGCG  
TCAAAAAGGGGTCATGTTGATAATAATGCCGGGAATTTCCGAACAGTT  
TTTCGAGGTAAGAATAATAATAATGCTGGTGGTGGAGGCAGTGGGTCCG  
CTACACCATCAAGTACGACTTTTACAGTTAAAACTGTAAAGGGAAAGTT  
TCTTTCACAGATAACGTAGCCTCTTGCGGAGCGGAGTGTTTATAAAGG  
CATTGTGCTTTTCAAAGACAATGAAGGAGGCATATTCTTCCGAGGGAACA  
CAGCATACGATGATTTAAGGATTCTTGCTGCTACTAATCAGGATCAGAAT  
ACGGAGACAGGAGGCGGTGGAGGAGTATTTGCTCTCCAGATGATTCTGT  
AAAGTTTGAAGGCAATAAAGGTTCTATTGTTTTTGATTACAACTTTGCAA  
AAGGCAGAGCGGGAAGCATCCTAACGAAAGAATTC

FIG. 2C

MQTSFHKFFLSMILAYSCCSLNGGGYAAEIMVPQGIYDGETLTVSFPYTV  
IGDPSGTTVF SAGELTLKNLDNSIAALPLSCFGNLLGSFTVLGRGHSLTF  
ENIRTSTNGAALSNSAADGLFTIEGFKELSF SNCNSLLAVLPAATTNKGS  
QTPTTTSTPSNGTIYSKTDLLLLNNEKFSFYSNLVSGDGGAI DAKSLTVQ  
GISKLCVFQENTAQAADGGACQVVTFSAMANEAPIAFVANVAGVRGGGIA  
AVQDGGQGVSSSTSTEDPVVSFSRNTAVEFDGNVARVGGGIYSYGNVAF L  
NNGKTLFLNNVASPVYIAAKQPTSGQASNTSNNYGDGGAI FCKNGAQAGS  
NNSGSVSFDGEGVVFSSNVAAGKGGAIYAKKLSVANC GPVQFLRNIAND  
GGAIYLGESGELSLSADYGDIFDGNLKRTAKENAADVNGVTVSSQAISM  
GSGGKITTLRAKAGHQILFNDPIEMANGNNQPAQSSKLLKINDGEGYTG D  
IVFANGSSTLYQNVTIEQGRIVLREKAKLSVNSLSQTGGSLYMEAGSTWD  
FVTPQPQPQPPAANQLITLSNLHLSSLLANNAVTPPTNPPAQDHPA  
VIGSTTAGSVTISGP IFFEDLDDTAYDRYDWLGSNQKINV LKLQLGTPP  
ANAPSDLTLGNEMPKYGYQGSWKLAWDPNTANNGPYTLKATWTKTGYNPG  
PERVASLVPNSLWGSILDIRSAHSAIQASVDGRSYCRGLWVSGVS NFFYH  
DRDALGQGYRYISGGYSLGANSYFGSSMFGLAFTVFGRSKDYVVCRSNH  
HACIGSVYLS TQQALCGSYLFGDAFIRASYGFGNQHMKTSYTF AEESDVR  
WDNNCLAGEIGAGLP IVITPSKLYLNELRPFVQAEFSYADHESFTEEGDQ  
ARAFKSGHLLNLSVPVG VKFDRCSSSTHPNKYSFMAAYICDAYRTISGTET  
TLLSHQETWTTDAFH LARHG VVVRGSMYASLTSNIEVYGHGRYEYRDASR  
GYGLSAGSRVRF

FIG.3

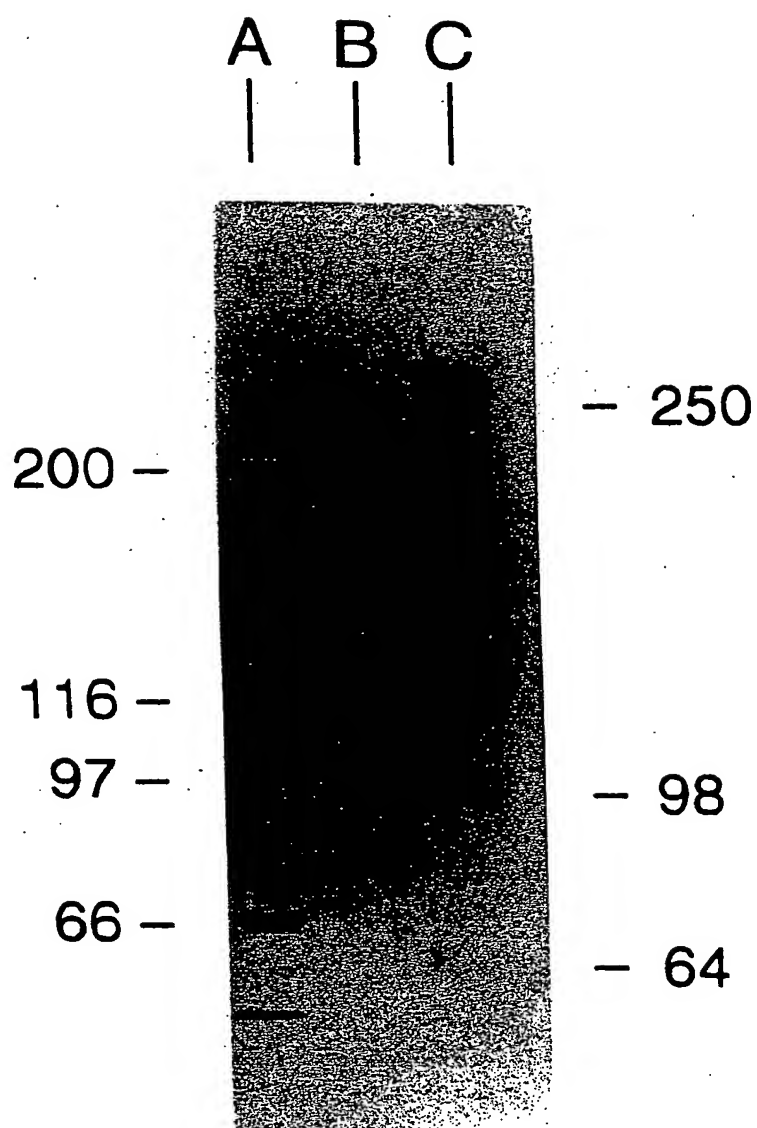


FIG.4

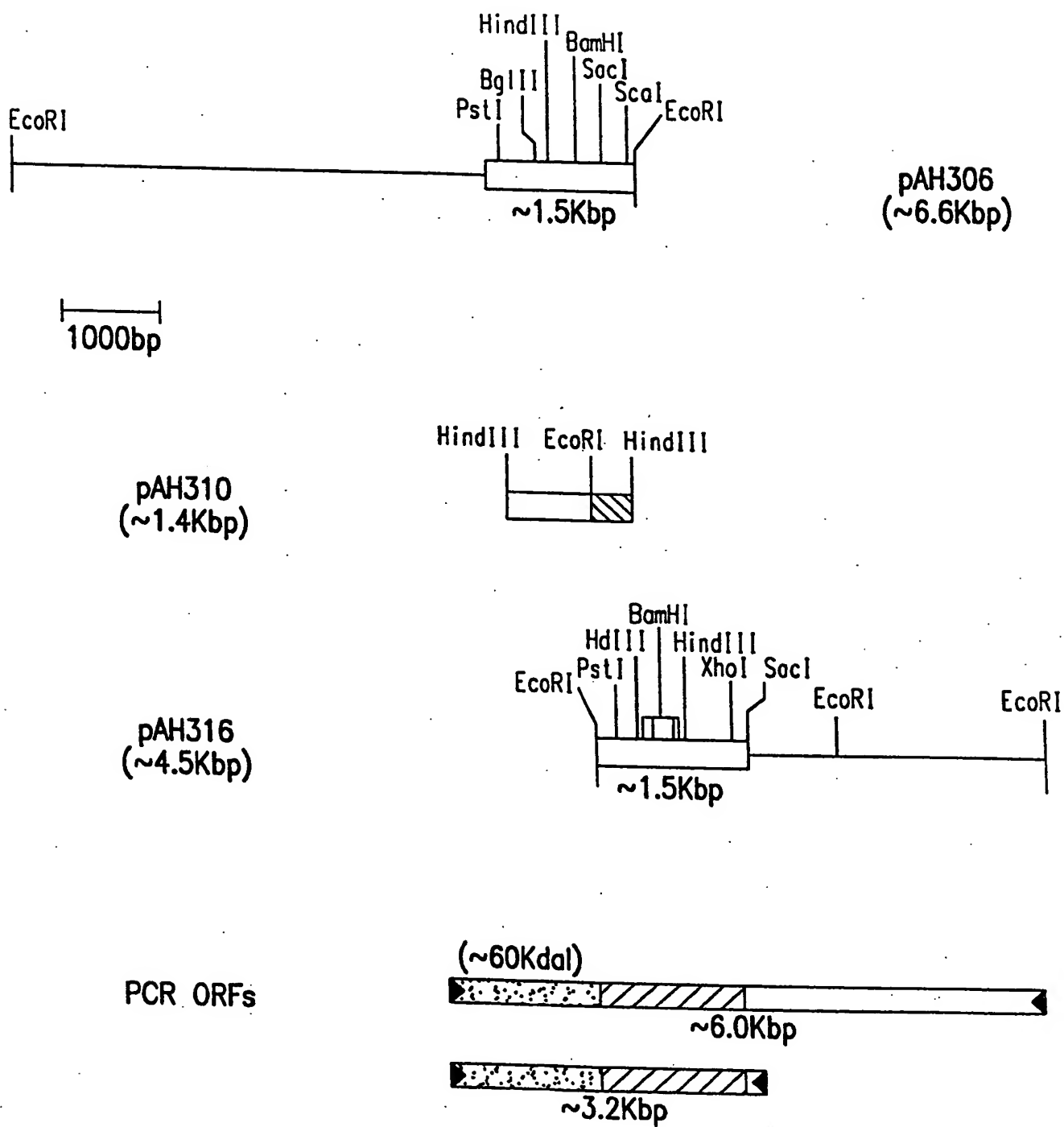


FIG.5



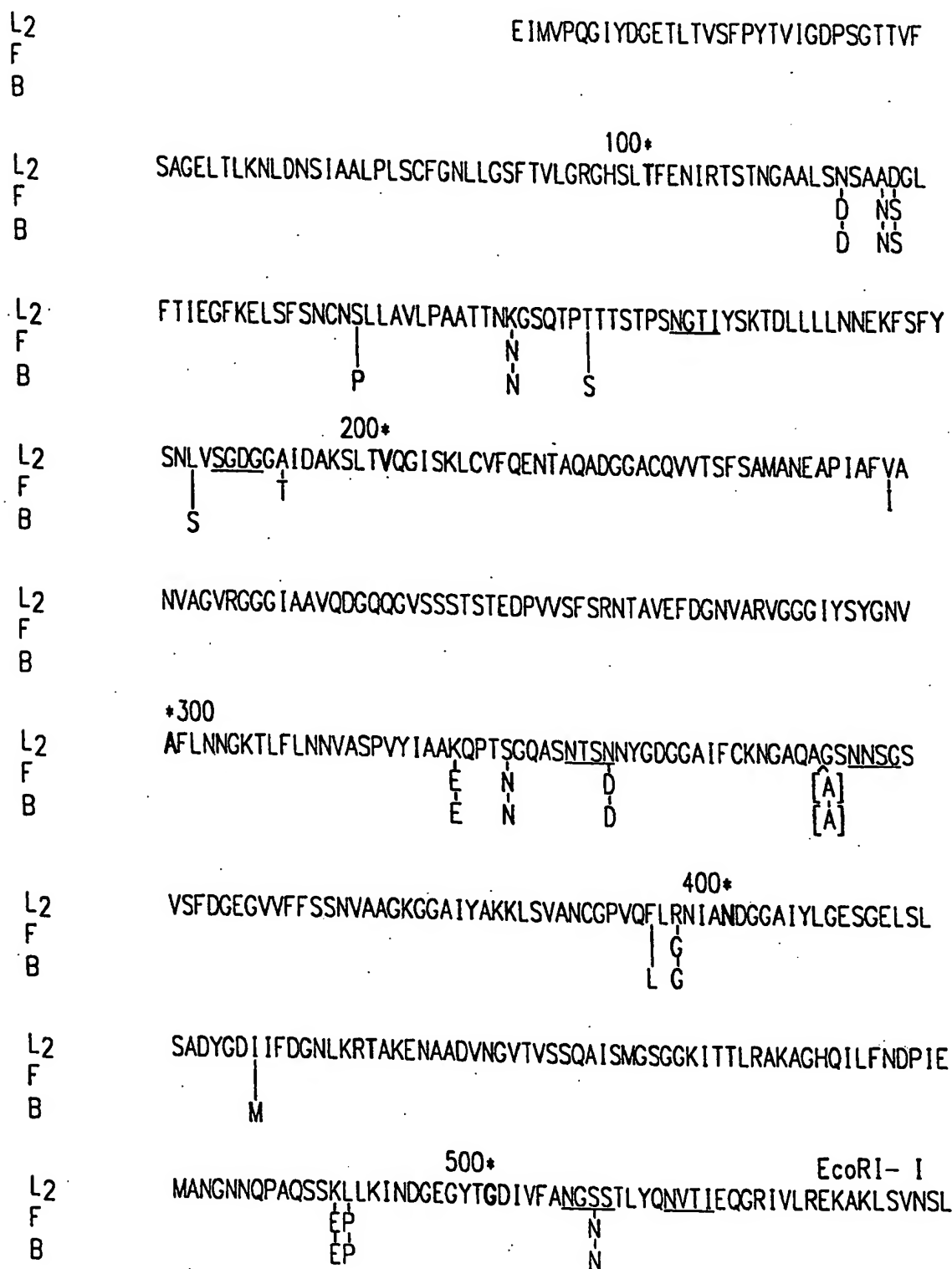


FIG. 6A

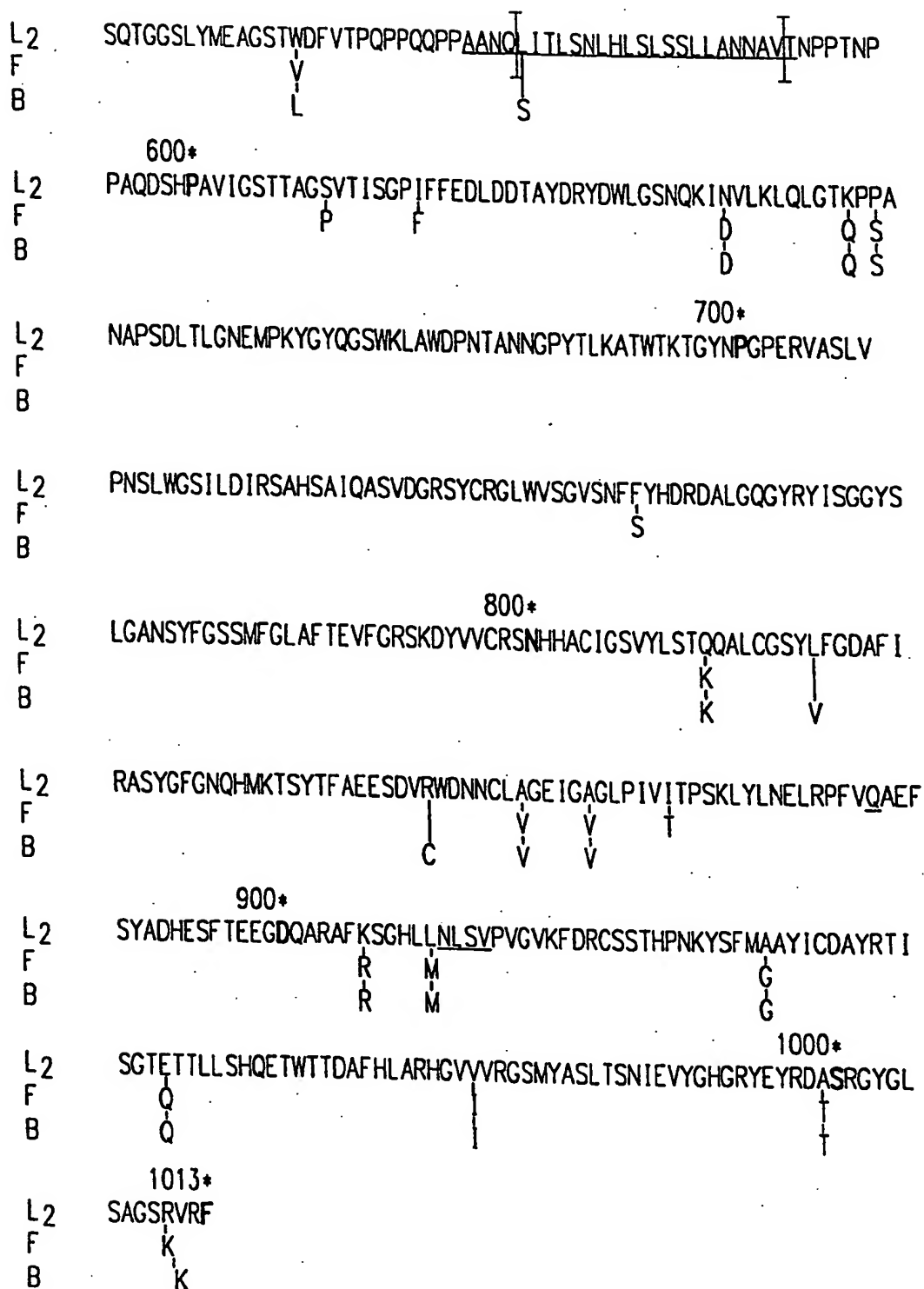


FIG. 6B

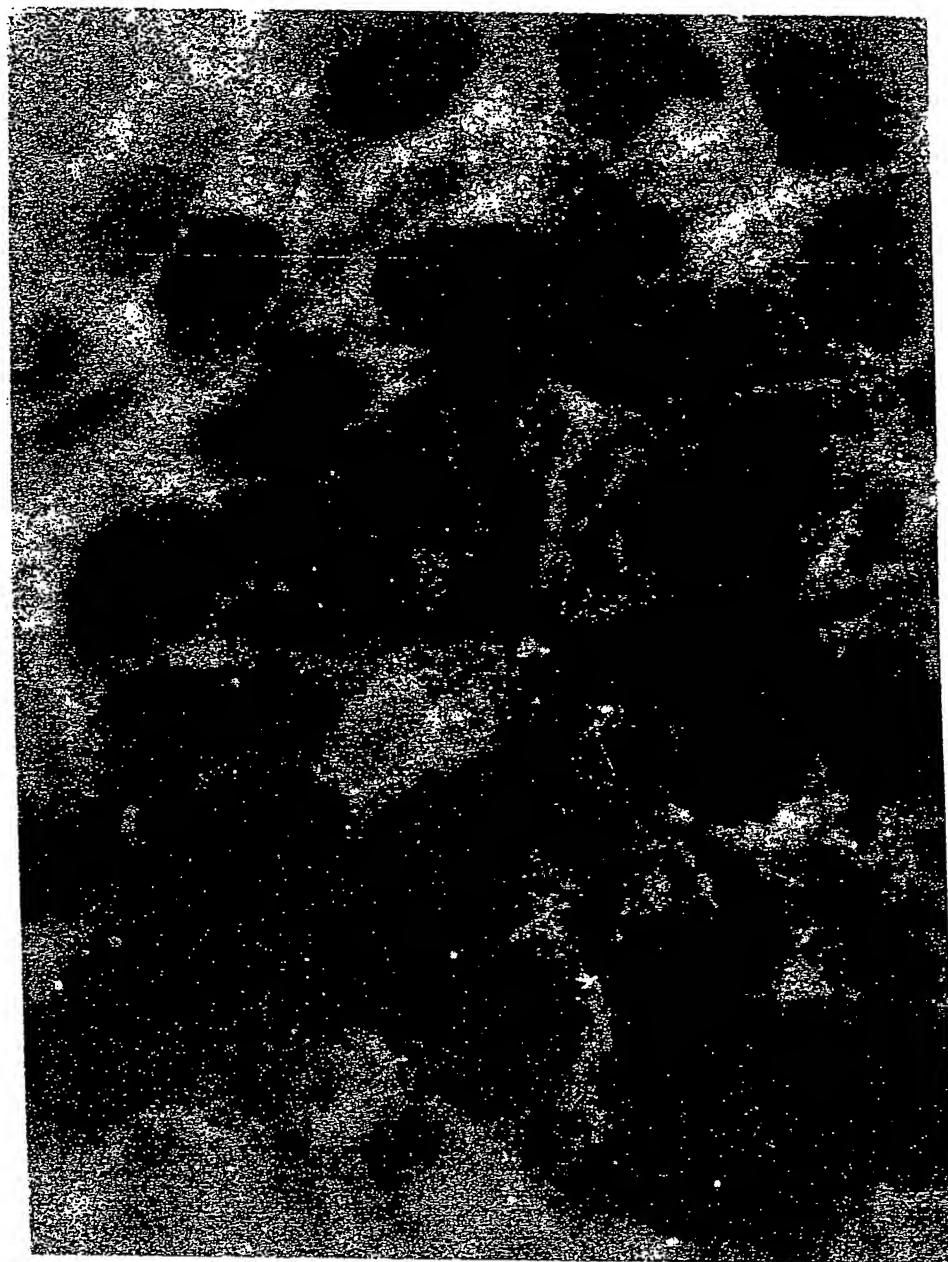


FIG.7A

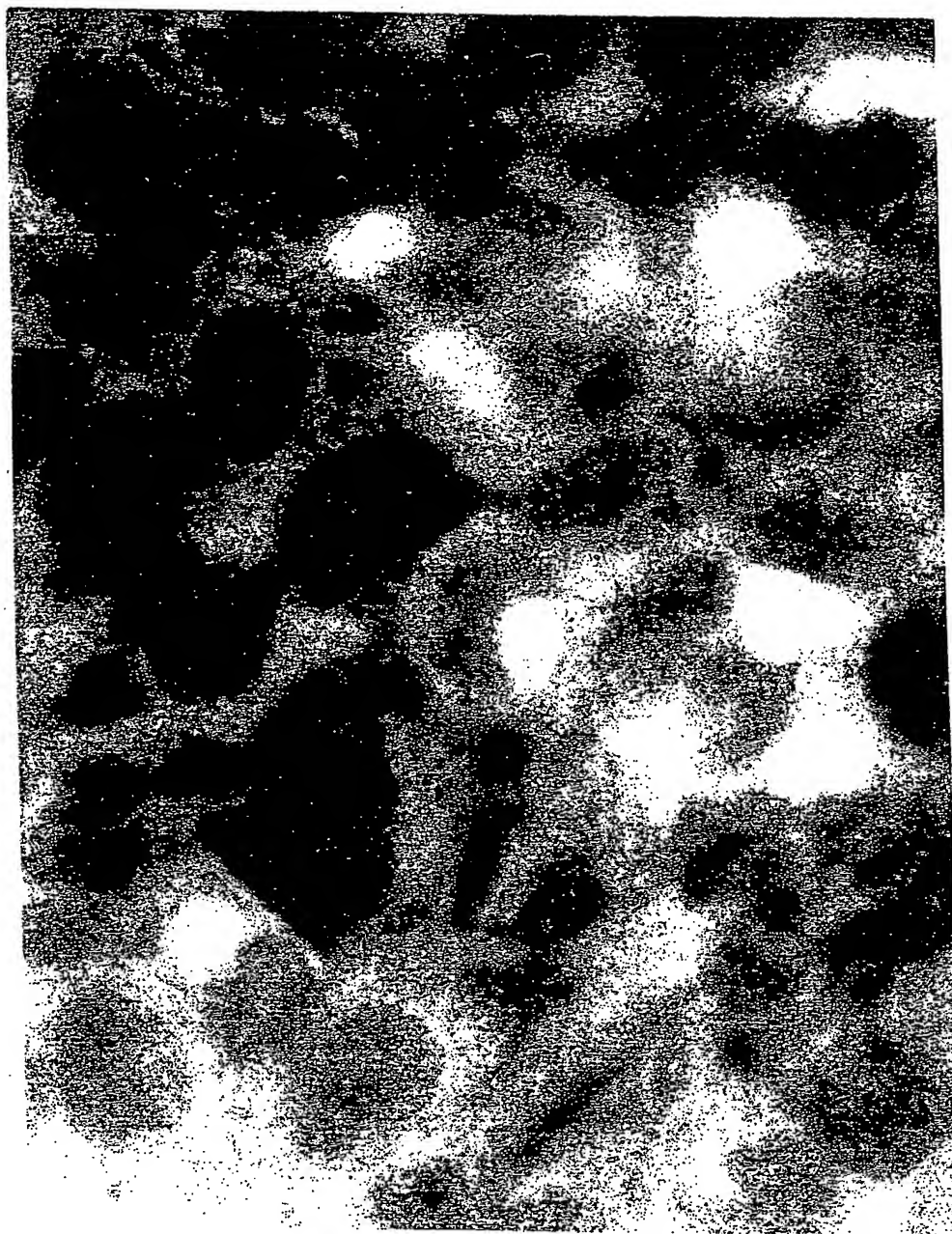


FIG.7B